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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/679,632	10/06/2003	Yoshimitsu Inoue	4041J-000780	3914	
27572 7	590 11/14/2005		EXAMINER		
HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 828			TAPOLCAI,	TAPOLCAI, WILLIAM E	
BLOOMFIELD HILLS, MI 48303			ART UNIT	PAPER NUMBER	
	•	,	3744		

DATE MAILED: 11/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

			<u> </u>				
Office Action Summary		Application No.	Applicant(s)				
		10/679,632	INOUE, YOSHIMITSU				
		Examiner	Art Unit				
		William E. Tapolcai	3744				
	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
WHIC - Exter after - If NO - Failu Any I	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DATE of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. Period for reply is specified above, the maximum statutory period were to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing and patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONEI	L. nely filed the mailing date of this communication. D. (35 U.S.C. § 133).				
Status							
1)⊠	Responsive to communication(s) filed on 28 Se	eptember 2005.					
,—	This action is FINAL. 2b)⊠ This action is non-final.						
3)							
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.							
Dispositi	on of Claims						
5)□ 6)⊠ 7)⊠	<ul> <li>4)  Claim(s) 1-14 and 16 is/are pending in the application.</li> <li>4a) Of the above claim(s) is/are withdrawn from consideration.</li> <li>5)  Claim(s) is/are allowed.</li> <li>6)  Claim(s) 1,2,14 and 16 is/are rejected.</li> <li>7)  Claim(s) 3-13 is/are objected to.</li> <li>8)  Claim(s) are subject to restriction and/or election requirement.</li> </ul>						
Applicati	on Papers						
10)	The specification is objected to by the Examine The drawing(s) filed on is/are: a) accomplicant may not request that any objection to the Replacement drawing sheet(s) including the correct The oath or declaration is objected to by the Ex	epted or b) objected to by the Eddrawing(s) be held in abeyance. See ion is required if the drawing(s) is obj	e 37 CFR 1.85(a). jected to. See 37 CFR 1.121(d).				
Priority u	under 35 U.S.C. § 119						
<ul> <li>12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</li> <li>a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority documents have been received.</li> <li>2. Certified copies of the priority documents have been received in Application No</li> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> <li>* See the attached detailed Office action for a list of the certified copies not received.</li> </ul>							
Attachmen		_					
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date							
2) Notice of Draisperson's Patent Drawing Review (P10-946)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  Paper No(s)/Mail Date 20050323.  5) Notice of Informal Patent Application (PTO-152)  6) Other:							

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Art Unit: 3744

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

- (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claims 1, 14, and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ophir et al in view of Lake et al. Ophir et al discloses a cooling system for an automobile including a first heating element 54 and a refrigerator which operates with the heat absorbed by the first element. However, Ophir et al does not disclose the second heating element, which is a battery, cooled by the refrigerator. Lake et al teaches in Fig. 14 a cooling system which includes a battery 224 cooled by the system. It would be obvious to provide Ophir et al with a cooling feature for a heating element, which is a battery, in view of Lake et al, for the purpose of providing cooling for the automobile battery.
- 3. Claims 3-13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
- 4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William E. Tapolcai whose telephone number is (571) 272-4814. The examiner can normally be reached on Mon. - Thurs., 6:30 to 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cheryl J. Tyler can be reached on (571) 272-4834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

William E Tapolcai Primary Examiner Art Unit 3744

wet October 11, 2005